

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for warning a user of a low-voltage state of a mobile communication terminal, comprising the steps of:
 - a) pre-storing a Short Message Service (SMS) or Out-Going Message (Voice OGM) low-voltage alarm message in a memory;
 - b) checking a voltage level of a battery in a call connection mode; and
 - c) if the voltage level of the battery is lower than a predetermined voltage, reading the low-voltage alarm message from the memory, and transmitting the read low-voltage alarm message to a called terminal communicating with the mobile communication terminal, and selecting one of the SMS message and the Voice OGM;
if the SMS message is selected, transmitting the low-voltage alarm message to the called mobile communication terminal using the SMS message; and
if the Voice OGM is selected, transmitting the Voice OGM to the called terminal through a traffic channel.-
2. (Currently Amended) The method as set forth in claim 1, wherein step (c) includes the steps of:
recognizing a phone number of the called terminal; and
transmitting the low-voltage alarm message using an SMS (Short Message Service) message.
3. (Currently Amended) The method as set forth in claim 1, wherein the low-voltage alarm message is a voice message such as a Voice OGM (Out-Going Message).
4. (Cancelled)
5. (Currently Amended) The method as set forth in claim 14, wherein step (c) further includes the steps of:
recognizing a phone number of the called terminal; and

if the phone number of the called terminal is not recognized, selecting the Voice OGM message to be the low-voltage alarm message.

6. (Currently Amended) The method as set forth in claim 14, wherein step (c) includes the steps of:
recognizing a phone number of the called terminal;
determining whether the phone number of the called terminal is a mobile communication phone number or a fixed line phone number; and
if the phone number of the called terminal is a mobile communication phone number, transmitting the SMS message to the called terminal as the low-voltage alarm message.

7. (Currently Amended) The method as set forth in claim 6, wherein step (c) further includes the step of:

if the phone number of the called terminal is determined to be a fixed line phone number, transmitting the Voice OGM message as the low-voltage alarm message to the called terminal through a traffic channel.

8. (Original) The method as set forth in claim 1, further comprising the step of:
d) after transmitting the low-voltage alarm message, cutting off a voltage received from the battery.

9. (Currently Amended) The method as set forth in claim 14, further comprising the step of:

previously preparing a Voice OGM message written in languages of a plurality of countries as the low-voltage alarm message, and
wherein step (c) includes the steps of:
recognizing a phone number of the called terminal;
determining whether the phone number of the called terminal is a domestic phone number or an international phone number; and

if the phone number of the called terminal is an international phone number, reading from the memory a Voice OGM-message in a language of a country corresponding to the international phone number as the low-voltage alarm message, and transmitting the read Voice OGM message over a traffic channel.

10. (Currently Amended) A mobile communication terminal apparatus, comprising:
a voltage detector for detecting a battery voltage;
a message storage unit for storing a low-voltage alarm message therein; and
a controller for transmitting the low-voltage alarm message to a called terminal when the battery voltage is lower than a predetermined voltage, wherein

the controller determines whether a phone number of the called terminal is a mobile communication phone number or a fixed line phone number, transmits a Short Message Service (SMS) message as the low-voltage alarm message when the phone number of the called terminal is a mobile communication phone number, and transmits a Out-Going Message (Voice OGM) as the low-voltage alarm message when the phone number of the called terminal is a fixed line phone number.

11. (Currently Amended) The apparatus as set forth in claim 10, wherein
the low-voltage alarm message is an SMS (Short Message Service) message.

12. (Currently Amended) The apparatus as set forth in claim 10, wherein
the low-voltage alarm message is a Voice OGM-(Out-Going Message) message.

13. (Cancelled)

14. (Currently Amended) The apparatus as set forth in claim 1013, wherein
the message storage unit stores a Voice OGM-message written in languages of a plurality of countries prior to a call, and
the controller determines whether the phone number of the called terminal is a domestic phone number or an international phone number, reads a Voice OGM-message of a

corresponding country from the memory storage unit if the phone number of the called terminal is determined to be an international phone number, and transmits the read Voice OGM-message as the low-voltage alarm message.

15. (Currently Amended) The apparatus as set forth in claim 10, wherein the controller transmits a Voice OGM-message as the low-voltage alarm message when a phone number of the called terminal is not recognized.